Statement-II

Potential created in Jharkhand State under AIBP up to 2006-07

(Potential: Thousand hectare)

SI. No.	Name of State/Project (Plan of start)	Target Potential under AIBP	Potential created upto March, 2006	Potential Cumulative created during 2006-07	Potential Cumulative potential up to March 2007
1	2	3	4	5	6
	Maior & Medium Irrigation Projects				
1	Gumani (V)	16.1940	0.0000	0.0000	0.0000
2	Torai (V) (D)	8.0000	0.0000	0.0000	0.0000
3	Latratu (VII) (C)	6.1000	6.1000		6.1000
4	Kansjore (VII)	6.2900	4.0000	0.5000	4.5000
5	Sonua (VI)	8.0100	0.0000	0.0000	0.0000
6	Surangi (VII)	2.6010	0.0000	0.0000	0.0000
7	Tapkara Res. Scheme (VI) (C)	1.8190	1.5200		1.5200
8	Upper Sankh	7.0690	1.4100	0.4500	1.8600
9	Panchkhero	3.0850	0.0000	0.0000	0.0000
	TOTAL:	59.1680	13.0300	0.9500	13.9800

C: Completed

D : Deferred

Global warming and hydro-electric projects

†1041. SHRIMATI MAYA SINGH: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether it is a fact that global warming is taking place rapidly in the world;

(b) if so, whether it would also affect the snowy mountains located in the Northern part of India;

(c) if so, whether the water sources of the rivers originating from the mountains of Northern India would dry up and its likely impact on the longevity of a large number of valuable hydro-electric projects to be set up in future; and

† Original notice of the question was received in Hindi

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) Various reports indicate that the average temperature values of the earth has in the last decade shown increasing trend.

(b) As reported by Defence Research and Development Organisation (DRDO), the seasonal snow cover has been melting in the last few years, the same way it was in the past and it seems that effect is more pronounced on Glaciers. Geological Survey of India (GS1) have reported that most of the glaciers of Himalayas as well as in the other parts of the world are receding and the recession of the glaciers may result due to subnormal snowfall, higher temperature during summer, less severe winter or a combination of all of them. The GSI has further reported that it may also be due to global warming a topic which is still debatable.

(c) and (d) As per GSI, if the present scenario of receding glaciers is accelerated, there may be some reduction in the river discharge. However, it may be noted that the major part of the river discharge is contributed by snow fall and precipitation which is likely to go up with global warming. More melting of glaciers will generate more water initially. Hence there is no likelihood of northern rivers drying up in near future.

Pancheshwar Project

†1042. SHRI HARISH RAWAT: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the work of joint survey of Pancheshwar Project has been completed;

(b) if so, whether any time-frame has been fixed to start this project; and

(c) if not, the details thereof?

THE MINISTER OF STATE. IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) to (c) India and Nepal have agreed, under the 1996 Mahakali Treaty, to jointly develop the Pancheshwar Multipurpose Project (5600 MW) on the Mahakali River where it forms the border between the two countries. Following the understanding reached between the two countries, it was agreed during 11th meeting of Joint Group of Experts (JGE) held in March, 1999 to carry out necessary field investigations for main dam and re-regulating scheme jointly by India and Nepal. Accordingly, a Joint Project Office-Pancheshwar Investigations was set up at Kathmandu in December, 1999 along with a field Division at Tanakpur in India and the same was closed on 31.7.2002 after completion of joint survey and investigations except for investigation for an alternate site of re-regulating structure at Rupaligad (1.7 km downstream of earlier location).

To finalize the Detailed Project Report (DPR), there are certain outstanding issues like location re-regulating structure *i.e.* Purnagiri or Rupaligad, water availability downstream of Pancheshwar, installation and unit size and assessment of power

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